

SHEET 1 OF 3

FORM PTO-1449		DOCKET NUMBER MAT 314		APPLICATION NUMBER 10/688,733		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Robert Grezek et al.				
		FILING DATE October 15, 2003		GROUP ART UNIT 3714		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
b1/bm	3,090,155	5/21/1963	Gordon	T	T	
	3,168,227	2/2/1965	Osmond			
	3,246,422	4/19/1966	Teagarden			
	3,375,604	4/2/1968	Alonso			
	3,660,926	5/9/1972	Lerner et al.			
	3,883,984	5/20/1975	Champeaux			
	4,038,775	8/2/1977	Sato			
	4,118,888	10/10/1978	Ogawa			
	4,144,669	3/20/1979	Ogawa			
	4,170,840	10/16/1979	Ogawa			
4,176,492	12/4/1979	Sims et al.				
4,183,173	1/15/1980	Ogawa				
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	Berna B. N/A		DATE CONSIDERED 10/18/04			



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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
Bbm	4,186,515	2/5/1980	Ogawa			
	4,206,564	6/10/1980	Ogawa			
	4,214,402	7/29/1980	Ogawa			
	4,233,777	11/18/1980	Inoue			
	4,342,173	8/3/1982	Otake			
	4,375,346	3/11/1986	Ogawa			
	4,767,505	8/30/1988	Satoh et al.			
	5,024,611	6/18/1991	Eckerle et al.			
	5,169,156	12/8/1992	Smollar			
	5,277,643	1/11/1994	Ejima			
V	5,295,889	3/22/1994	Ejima			
	5,362,271	11/8/1994	Butt			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION: YES NO

OTHER DOCUMENTS

EXAMINER Berna B. Nlie	DATE CONSIDERED 10/18/04
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SHEET 3 OF 3

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Robert Grezek et al.				
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
hbm	5,380,233	1/10/1995	Numoto	F		
	5,727,717	3/17/1998	Vigne			
	5,810,638	9/22/1998	Wood			
	5,920,966	7/13/1999	Chen			
	6,062,938	5/16/2000	Meng-Suen			
	6,171,169	1/9/2001	Saunders			
	6,384,352	5/7/2002	Ellman et al.			
	D459,416	6/25/2002	Rodgers			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	pera mlu		DATE CONSIDERED 10/18/04			